

Supporting Information

Supplementary Figure A depicts a set of SANS data fit with three different curves. The curves correspond to the optimized fit according to the model, and the other two curves contain the same fit values as the optimized fit, except that the value for the bilayer thickness has either been increased or decreased by 1.5\AA . Inspection of Figure A reveals that the general overlap between all three fits is very close. Only on close inspection of the high- q data can the impact of changes to the bilayer thickness be observed. In Figure B, the difference between the three fits is more obvious. The middle curve corresponds to the best fit. The upper curve corresponds to the fit obtained with the (bilayer thickness $- 1.5\text{\AA}$). The lower curve corresponds to the fit obtained with the (bilayer thickness $+ 1.5\text{\AA}$).

